

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042315.D
 Acq On : 18 Aug 2019 9:24
 Operator : HP/JU
 Sample : K4324-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T8-C1-(0-4)

Quant Time: Aug 19 08:25:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

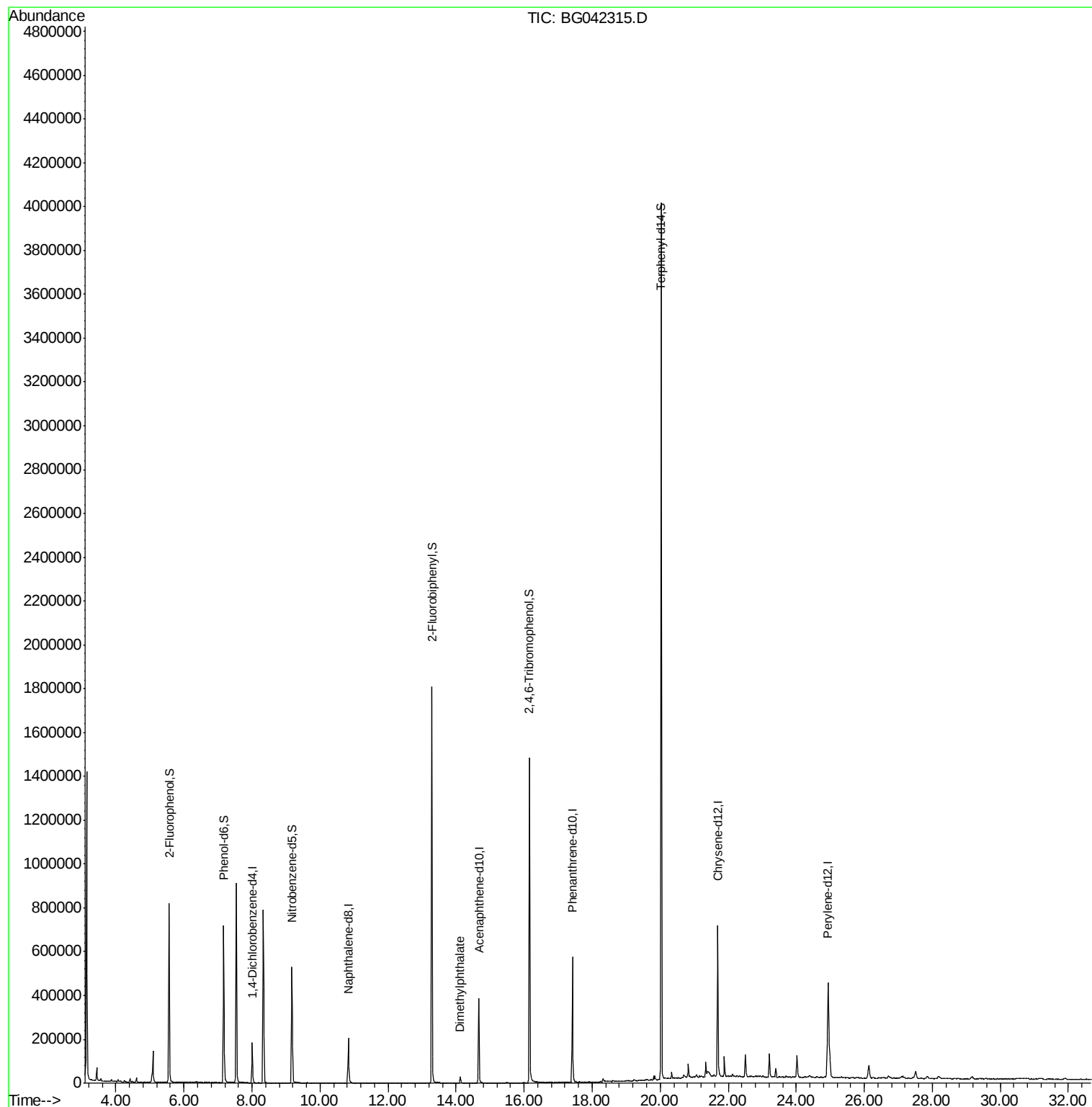
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	59142	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	224899	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	162575	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	392173	20.00	ng	0.00
76) Chrysene-d12	21.69	240	434793	20.00	ng	-0.01
87) Perylene-d12	24.94	264	499305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	411498	135.37	ng	0.00
7) Phenol-d6	7.17	99	506318	123.55	ng	0.00
23) Nitrobenzene-d5	9.17	82	350756	107.33	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	363415	196.80	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1082458	117.43	ng	0.00
79) Terphenyl-d14	20.03	244	1981051	104.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	33025	2.974	ng	Qvalue 97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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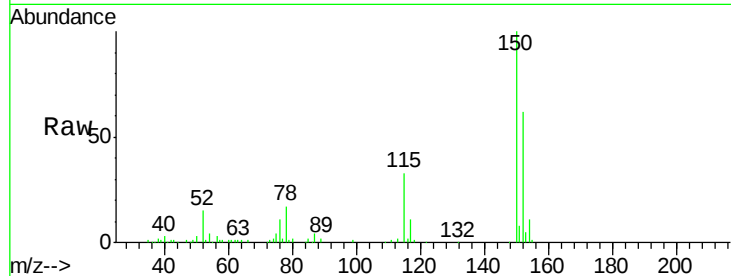


#1

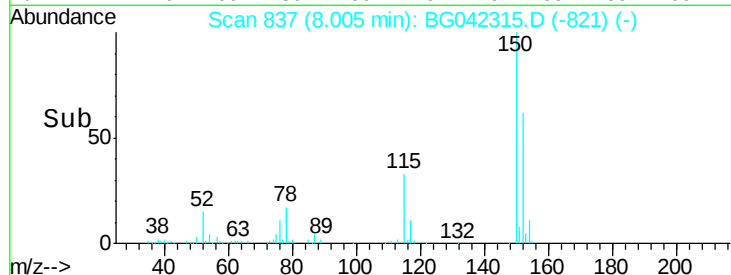
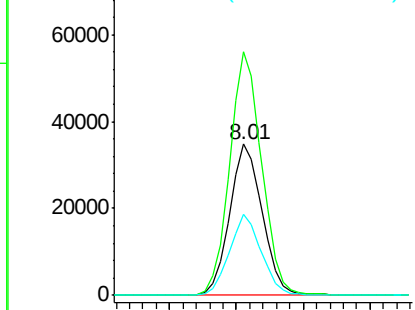
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042315.D
Acq: 18 Aug 2019 9:24

Instrument :
BNA_G
ClientSampleId :
T8-C1-(0-4)

Tot Ion	152	Resp	59142
Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.9	190.3
115	53.3	45.0	67.6



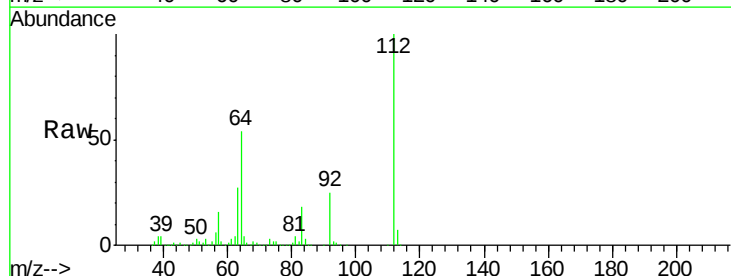
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



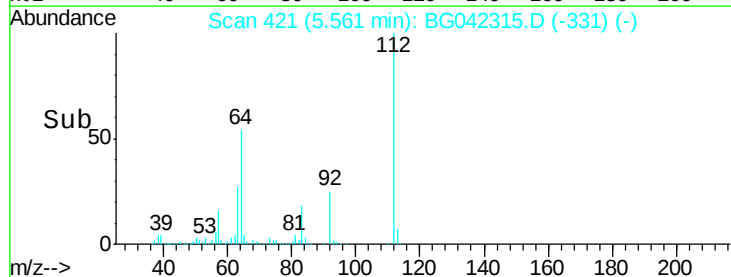
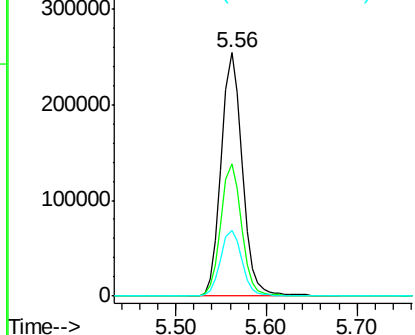
#5

2-Fluorophenol
Concen: 135.372 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042315.D
Acq: 18 Aug 2019 9:24

Tgt Ion	112	Resp	411498
Ion	Ratio	Lower	Upper
112	100		
64	54.3	55.4	83.2#
63	27.0	29.1	43.7#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.550 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042315.D

Acq: 18 Aug 2019 9:24

Instrument :

BNA_G

ClientSampleId :

T8-C1-(0-4)

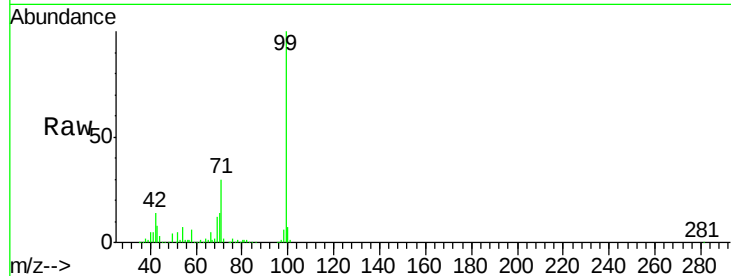
Tot Ion: 99 Resp: 506318

Ion Ratio Lower Upper

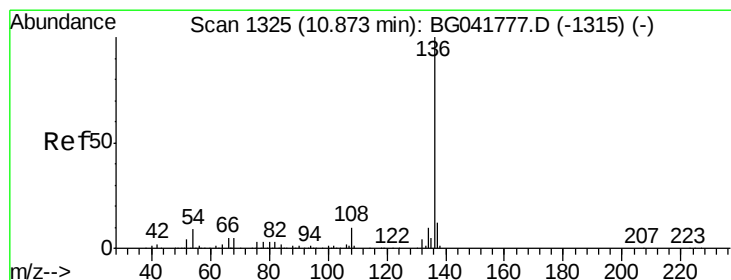
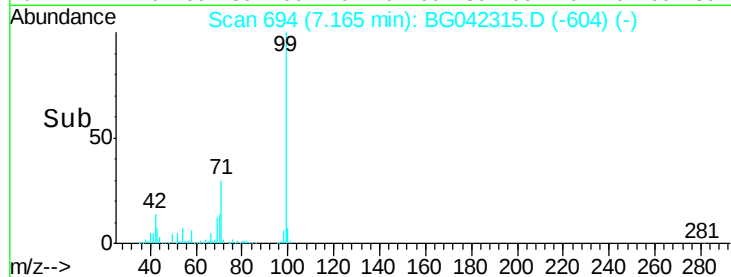
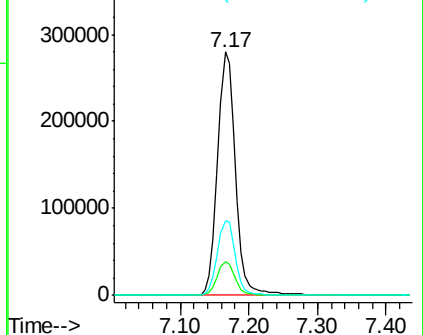
99 100

42 14.1 17.6 26.4#

71 30.4 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG042315.D

Acq: 18 Aug 2019 9:24

Tgt Ion: 136 Resp: 224899

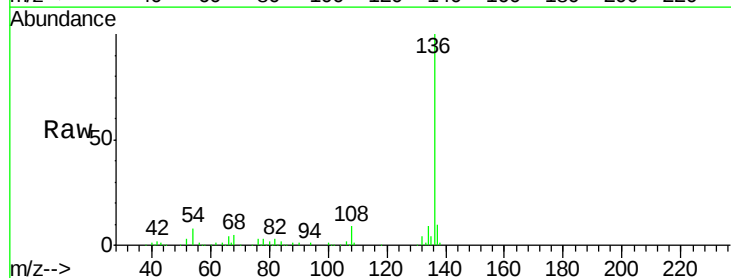
Ion Ratio Lower Upper

136 100

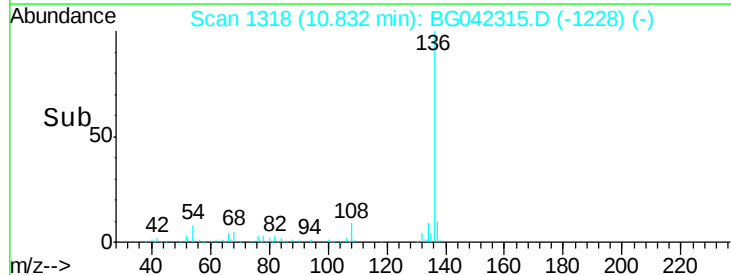
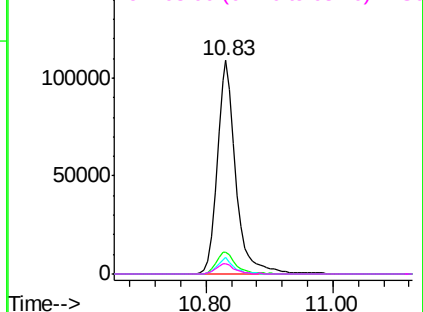
137 10.4 9.2 13.8

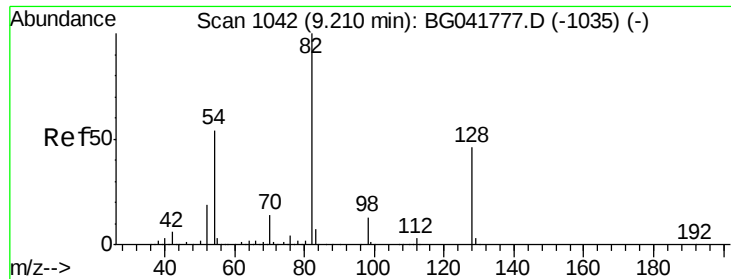
54 7.8 8.7 13.1#

68 4.9 5.5 8.3#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

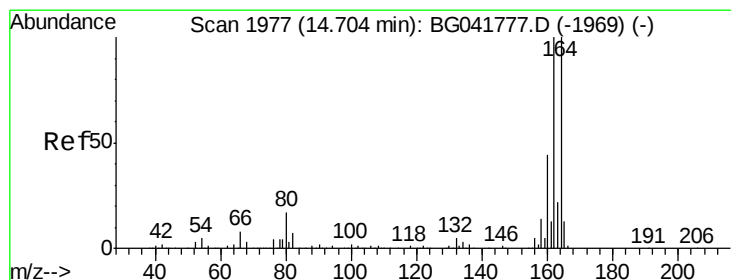
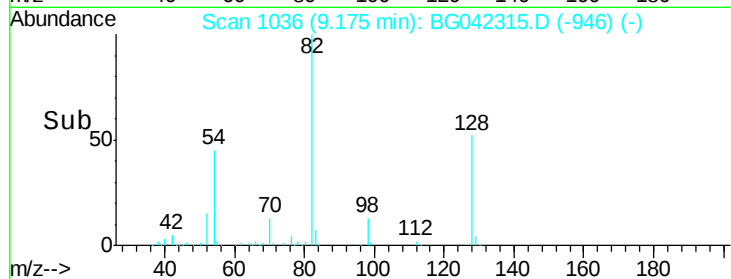
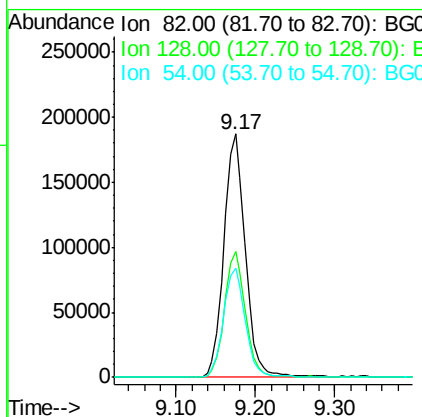
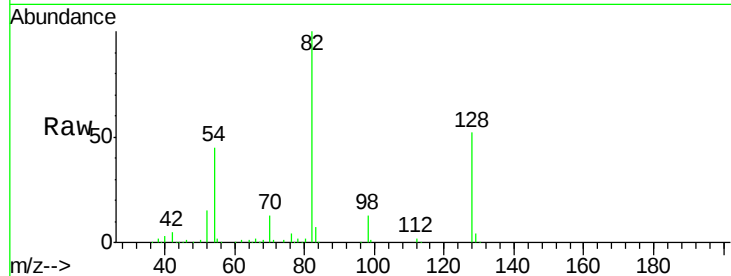




#23
 Nitrobenzene-d5
 Concen: 107.327 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042315.D
 Acq: 18 Aug 2019 9:24

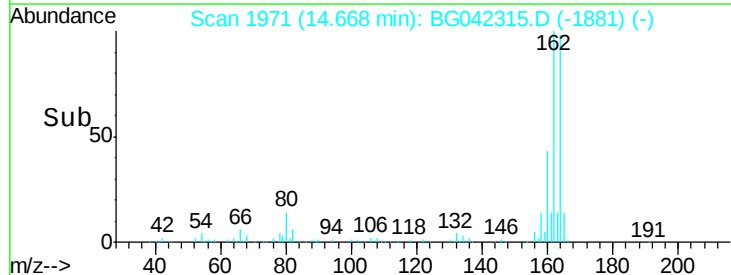
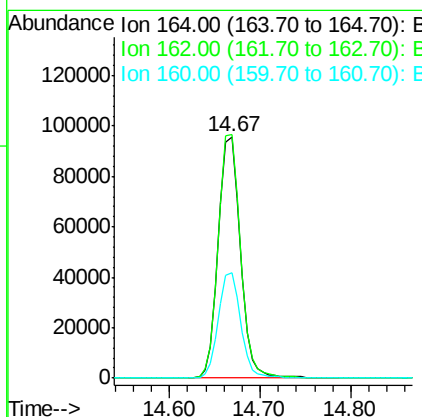
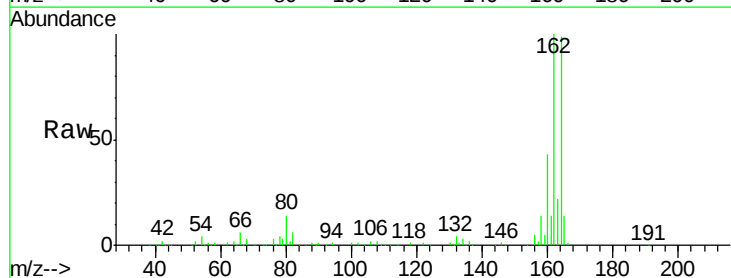
Instrument :
 BNA_G
 ClientSampled :
 T8-C1-(0-4)

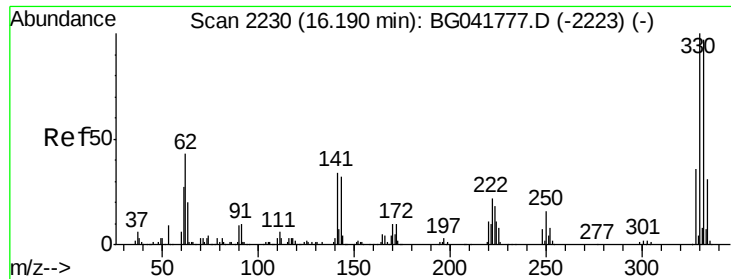
Tot Ion	82	Resp	350756
Ion	Ratio	Lower	Upper
82	100		
128	51.7	35.1	52.7
54	44.7	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG042315.D
 Acq: 18 Aug 2019 9:24

Tgt Ion	164	Resp	162575
Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.6	119.4
160	43.4	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 196.799 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042315.D

Acq: 18 Aug 2019 9:24

Instrument :

BNA_G

ClientSampleId :

T8-C1-(0-4)

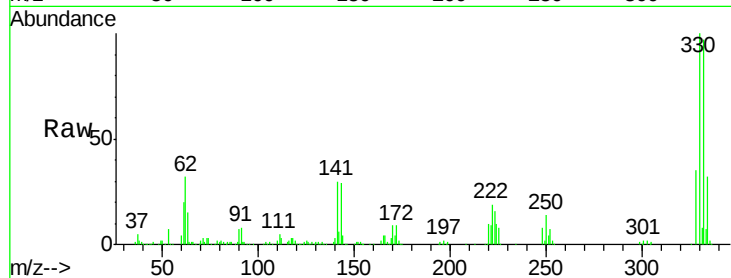
Tot Ion:330 Resp: 363415

Ion Ratio Lower Upper

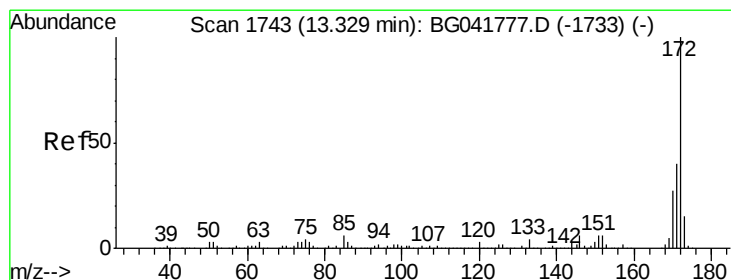
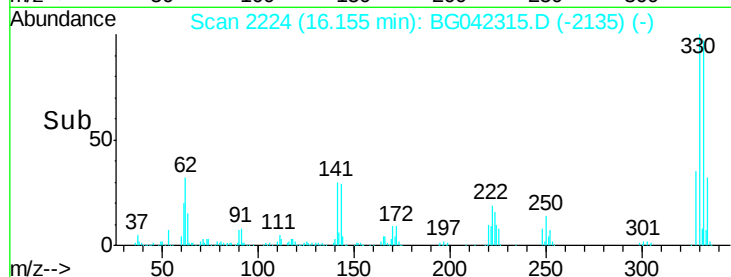
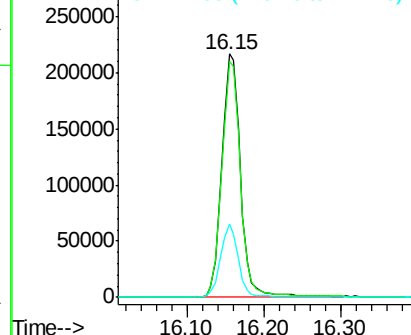
330 100

332 96.6 77.4 116.0

141 28.7 31.9 47.9#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 117.432 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG042315.D

Acq: 18 Aug 2019 9:24

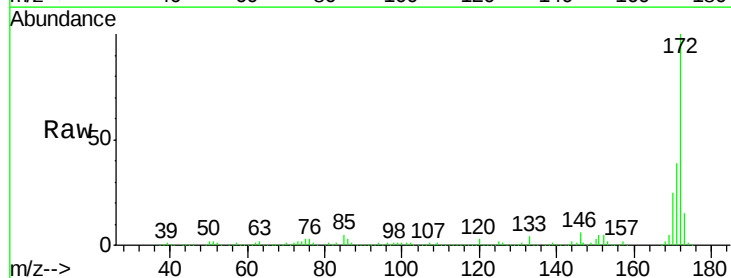
Tgt Ion:172 Resp: 1082458

Ion Ratio Lower Upper

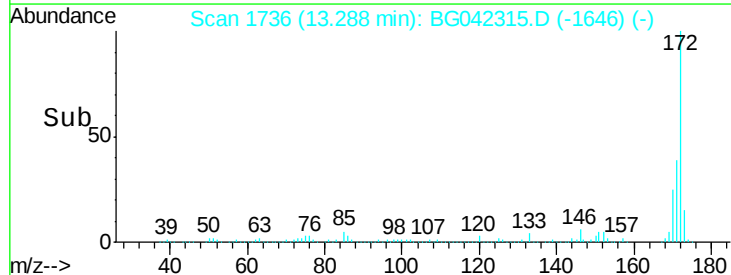
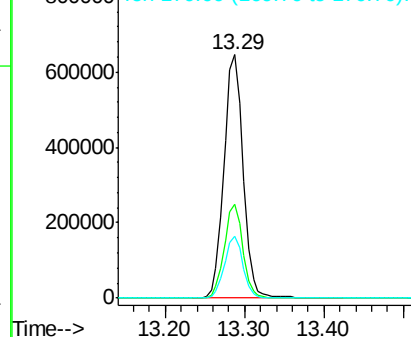
172 100

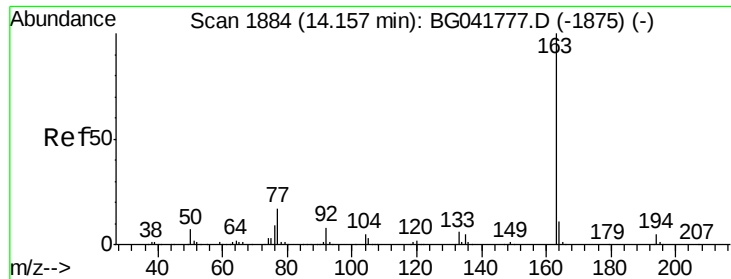
171 38.6 35.0 52.4

170 25.4 23.5 35.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

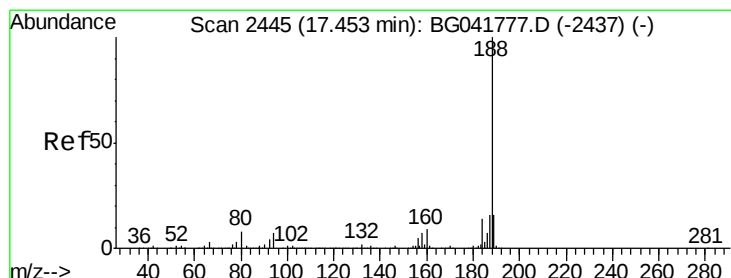
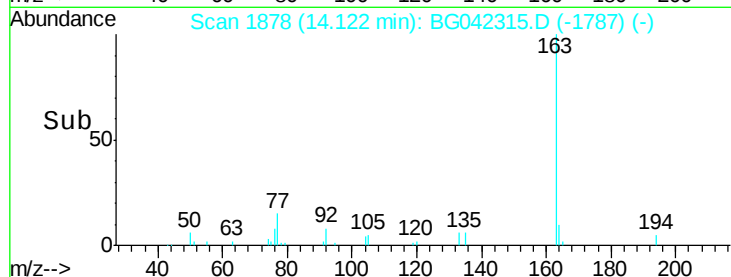
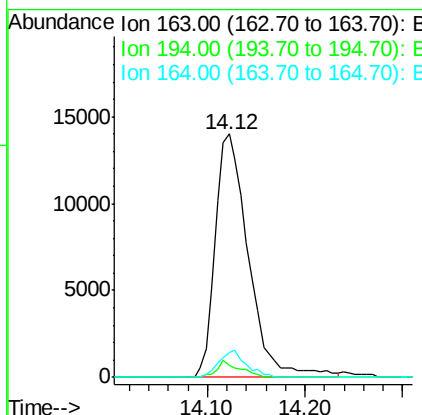
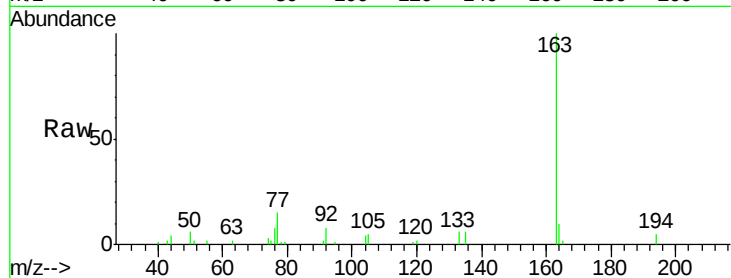




#50
Dimethylphthalate
Concen: 2.974 ng
RT: 14.12 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BG042315.D
Acq: 18 Aug 2019 9:24

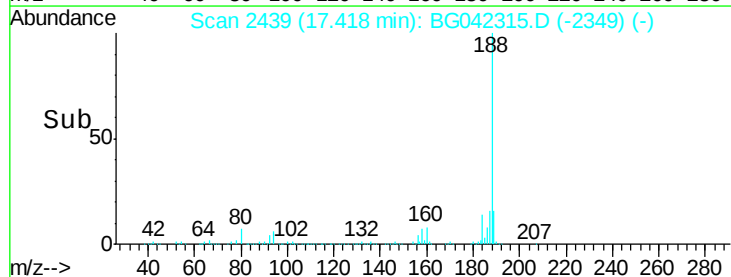
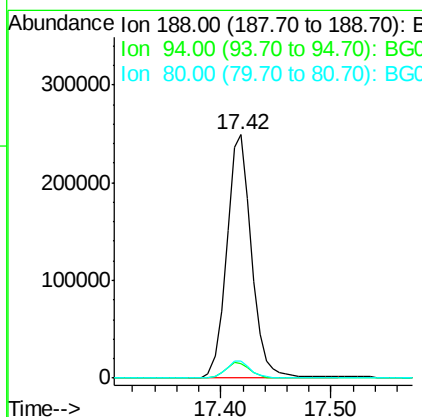
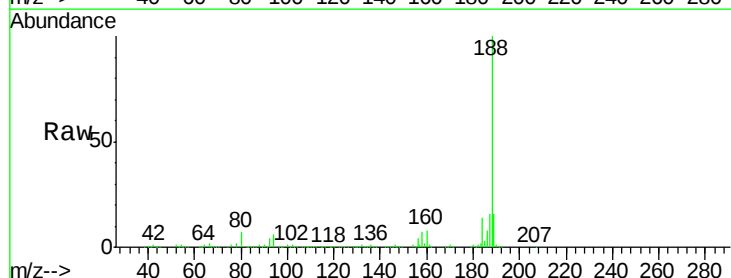
Instrument :
BNA_G
ClientSampled :
T8-C1-(0-4)

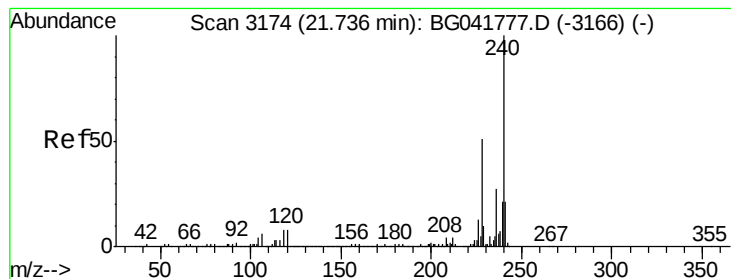
Tot Ion:163 Resp: 33025
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 10.4 9.4 14.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG042315.D
Acq: 18 Aug 2019 9:24

Tgt Ion:188 Resp: 392173
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.8 8.0 12.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042315.D

Acq: 18 Aug 2019 9:24

Instrument :

BNA_G

ClientSampleId :

T8-C1-(0-4)

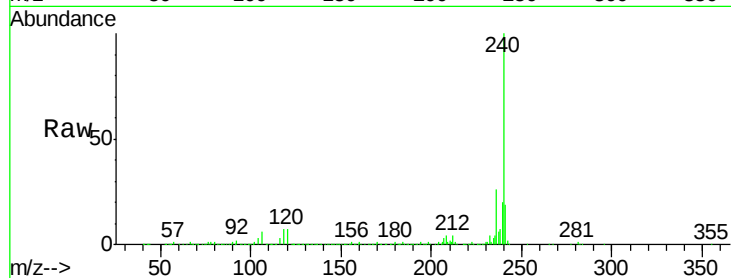
Tot Ion:240 Resp: 434793

Ion Ratio Lower Upper

240 100

120 7.4 8.0 12.0#

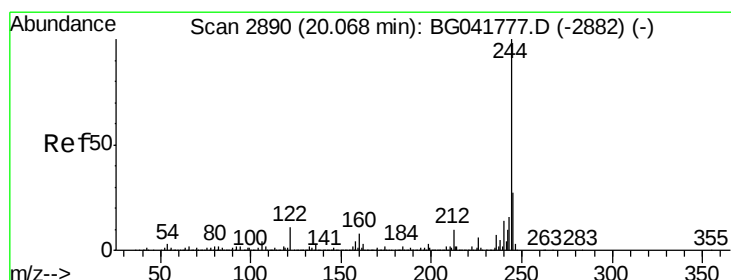
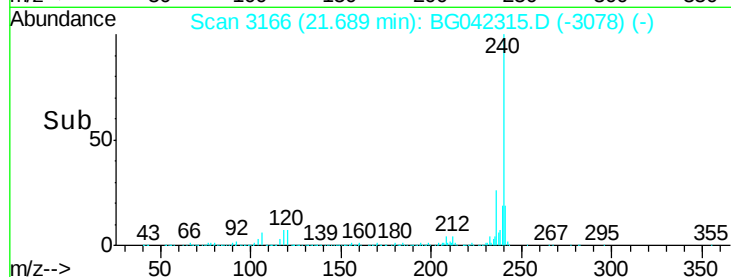
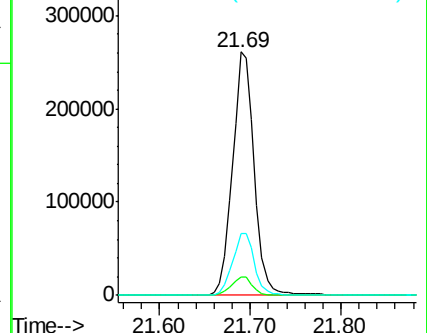
236 25.6 22.6 33.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 104.260 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG042315.D

Acq: 18 Aug 2019 9:24

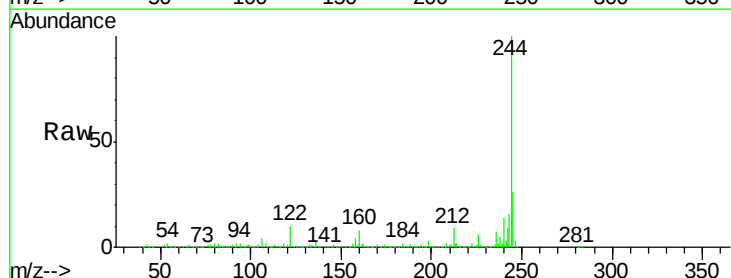
Tgt Ion:244 Resp: 1981051

Ion Ratio Lower Upper

244 100

212 8.9 9.7 14.5#

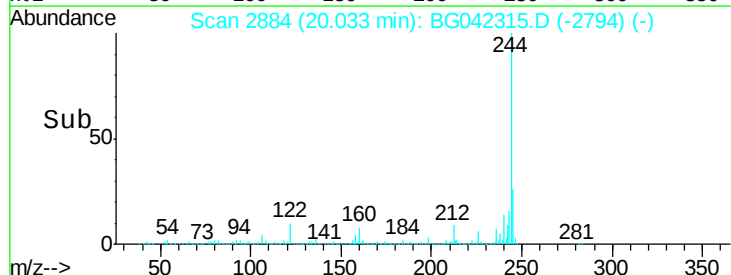
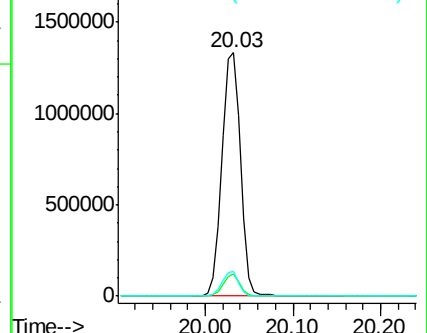
122 9.9 12.5 18.7#

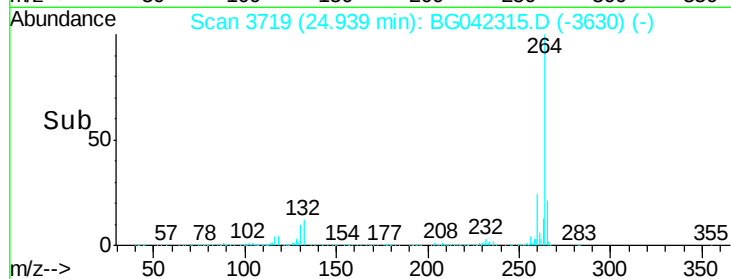
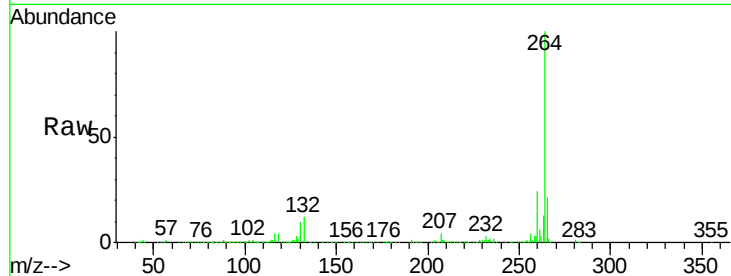
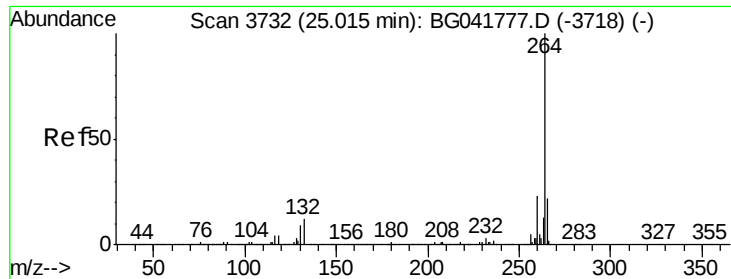


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG042315.D

Acq: 18 Aug 2019 9:24

Instrument :

BNA_G

ClientSampleId :

T8-C1-(0-4)

Tot Ion:264 Resp: 499305

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.4 18.0 27.0

